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ECONOMICS OF PROFITABLE POTATO PRODUCTION

IRISH POTATOES, IRRIGATED, TEXAS ROLLING PLAINS II REGION
ESTIMATED COSTS AND RETURNS PER ACRE

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
IRISH POTATOES	CWT.	6.00	125.00	<u>750.00</u>
TOTAL				\$ 750.00
2. VARIABLE COSTS				\$
PREHARVEST				
SEED	CWT.	10.00	13.00	130.00
FERT(96-120-36)	ACRE	60.00	1.00	60.00
HERBICIDE	ACRE	6.00	1.00	6.00
INSECT. & FUNGI.	ACRE	30.00	1.00	30.00
MACHINERY	ACRE	4.38	1.00	4.38
TRACTORS	ACRE	5.56	1.00	5.56
IRRIGATION MACHINERY	ACRE	55.42	1.00	55.42
LABOR(TRACTOR & MACHINERY)	HOUR	4.50	3.11	13.99
LABOR(IRRIGATION)	HOUR	4.50	5.10	22.95
OTHER LABOR	HOUR	2.75	0.25	0.69
INTEREST ON OP. CAP.	DOL.	0.09	111.97	<u>10.64</u>
SUBTOTAL, PRE-HARVEST				\$ 339.63
HARVEST COSTS				\$
PROCESS&MARKET	CWT.	2.00	125.00	<u>250.00</u>
SUBTOTAL, HARVEST				\$ 250.00
TOTAL VARIABLE COST				\$ 589.63
3. BREAKEVEN PRICE, VARIABLE COSTS	CWT.			4.717
4. FIXED COSTS				\$
MACHINERY	ACRE	4.78	1.00	4.78
TRACTORS	ACRE	5.42	1.00	5.42
IRRIGATION MACHINERY	ACRE	52.70	1.00	52.70
LAND (NET RENT)	ACRE	82.00	1.00	<u>82.00</u>
TOTAL FIXED COSTS				\$ 144.90
5. TOTAL COSTS				\$ 734.53
6. BREAKEVEN PRICE, TOTAL COSTS	CWT.			5.876

LAND (NET RENT) BASED ON 1/5 OF GROSS INCOME LESS 1/5 OF FERTILIZER, INSECT FUNGI., AND HARVEST.

PREPARED BY NORMAN W. BRINTS, TAEX, VERNON, TEXAS

PROJECTED 1979

IRISH POTATOES, IRRIGATED, TEXAS ROLLING PLAINS II REGION
ESTIMATED COSTS AND RETURNS PER ACRE

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP 1/2 TON	10	AUG	0.10	0.125	0.100	0.30	0.19
PICKUP 1/2 TON	10	SEPT	0.10	0.125	0.100	0.30	0.19
TANDEM DISC TM	4,40	DEC	1.00	0.253	0.168	0.80	0.83
PICKUP 1/2 TON	10	DEC	0.10	0.125	0.100	0.30	0.19
MOLDBOARD 68 TM	3,47	JAN	0.75	0.385	0.257	1.57	1.97
CHISEL TM	3,44	JAN	0.25	0.045	0.030	0.21	0.28
LISTER-PLNT6R TM	4,36	JAN	1.00	0.309	0.206	1.10	1.30
PICKUP 1/2 TON	10	JAN	0.10	0.125	0.100	0.30	0.19
ROLLING CULT TM	4,30	FEB	1.00	0.177	0.118	0.56	0.60
LISTER-PLNT6R TM	4,36	FEB	1.00	0.309	0.206	1.10	1.30
PICKUP 1/2 TON	10	FEB	0.10	0.125	0.100	0.30	0.19
PICKUP 1/2 TON	10	MAR	0.10	0.125	0.100	0.30	0.19
CULTIVATOR 6R TM	3,33	APR	2.00	0.381	0.254	1.60	2.04
PICKUP 1/2 TON	10	APR	0.10	0.125	0.100	0.30	0.19
PICKUP 1/2 TON	10	MAY	0.10	0.125	0.100	0.30	0.19
PICKUP 1/2 TON	10	JUNE	0.10	0.125	0.100	0.30	0.19
PICKUP 1/2 TON	10	JULY	0.10	<u>0.125</u>	<u>0.100</u>	<u>0.30</u>	<u>0.19</u>
TOTALS				3.109	2.239	9.94	10.20

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